

A2-Central Catalog

Get the books and equipment you need from the warmth of your own computer room. No handling fees or extra charges for surface shipping, even though we ship within 24 hours. To order, use the self-mailer that was in the envelope with your newsletter.

4/89

New this month

West of Eden: The End of Innocence at Apple Computer

By Frank Rose. The focus of this book is January 1983 to January 1986 at Apple Computer—from a few months before John Sculley's arrival until a few months after Steve Jobs' departure.

"He (Wozniak) told Sculley that the (1985) stockholder's meeting had presented a deceptive and fraudulent portrayal of the company's earnings. He told him that the people who own the company ought to be given an accurate picture of where their earnings were coming from (the Apple II)."

VP-001 *West of Eden* 1989 \$19.95

Merlin 8/16

GS/OS, ProDOS 8, and DOS 3.3 versions of this best-selling assembler in one package. By Glen Bredon. The GS/OS version, *Merlin 16-Plus*, is brand new.

RW-002 *Merlin 8/16* NEW \$99.00

DB Master Professional

DB Master Professional is the most sophisticated data base management software available for the Apple II. It runs under ProDOS 8 and requires an enhanced IIe, a IIc, a IIgs, or a Laser computer. Not copy protected.

Supports hard disk files up to 10 megabytes or storage on up to 50 5.25 or 3.5 disks. Allows up to 30 screens of text (or 200 fields or 2,000 characters) per record. Includes a variety of field types, including computed, user-defined and the ability to limit data to a pre-defined list of allowable values.

DB Master Professional supports "Import Rules" and "Export Rules" that allow any *DB Master* file to be related to as many as ten other *DB Master* files. "Import rules" specify another file that data is to come from when a record in the file you are working on is added to or edited; "export rules" specify another file that should be changed when the file you are working on is added to or edited.

Reports can include up to 255 lines per record on up to 5 pages, including headers and footers, column totals and subtotals, page numbers, automatic date and time printing, number formatting, statistics, and computed fields. Print to printer, screen, or text file on disk.

SE-001 *DB Master Professional* \$245.00

The A2 Library

General Interest Books

SY-009 <i>SYBEX Computer Blue Book</i>	(see 11/88)	\$12.95
TS-001 <i>Bear: Computer Wimp</i>	(see 8/88)	\$9.95
CB-001 <i>Freiberger: The IIc, Your First Computer</i>	(see 6/88)	\$9.95
MH-004 <i>Freiberger: Fire in the Valley</i>	(see 6/88)	\$11.95
HB-001 <i>Gassee: The Third Apple</i>	(see 12/88)	\$14.95
BC-001 <i>Price: How to Write a Computer Manual</i>	(see 3/89)	\$33.50
VP-001 <i>Rose: West of Eden</i>	(see 4/89)	\$19.95
HR-001 <i>Sculley: Odyssey</i>	(see 12/88)	\$10.95
AW-013 <i>Snyder: In Search of Amazing Thing</i>	(see 6/88)	\$10.95
IB-001 <i>Weishaar: Your Best Interest</i>	(see 6/88)	\$9.95
WG-001 <i>White: Graphic Design for the Electronic Age</i>		\$24.95

AppleWorks Books

SY-008 <i>Ericson: AppleWorks. Tips and Techs</i>	(see 6/88)	\$19.95
DS-003 <i>disk for this book</i>	(see 8/88)	\$12.00
SY-007 <i>Tymes: Mastering AppleWorks</i>	(see 6/88)	\$21.95
MH-010 <i>Matthews: AppleWorks Made Easy</i>	(see 7/88)	\$18.95
CB-001 <i>Thomas: ClassWorks</i>	(see 8/88)	\$45.00
AW-027 <i>Brown: Using AppleWorks GS</i>		\$19.95

Science/Electronics Books

TB-001 <i>Engelsher: Interfacing & Digital Exps</i>	(see 6/88)	\$15.50
VS-001 <i>Vernier: Build a Better Mousetrap</i>	(see 7/88)	\$24.95
TB-003 <i>Pellino et al: Science On Your Apple</i>	(see 6/88)	\$14.95
TB-004 <i>Horn: Smart Apples</i>	(see 6/88)	\$12.95

Printers

Technical References	
CR-001 <i>East: Handbook of Printer Commands (3 vols)</i>	\$89.95
AW-008 <i>Apple: ImageWriter II Technical Reference</i>	\$19.95
AW-025 <i>Apple: ImageWriter LQ Technical Reference</i>	\$22.95

PostScript

AW-007 <i>Adobe: PostScript Lang Tutorial/Cookbook</i>	\$16.95
AW-005 <i>Adobe: PostScript Lang Program Design</i>	\$22.95
AW-009 <i>Adobe: PostScript Lang Reference Manual</i>	\$22.95
AW-028 <i>Apple: LaserWriter Reference</i>	\$19.95
AW-029 <i>Roth: Real World PostScript</i>	\$22.95

Troubleshooting and Repair

HS-004 <i>SAMS Computerfacts: ImageWriter I</i>	\$24.95
HS-008 <i>SAMS Computerfacts: ImageWriter II</i>	\$24.95

Working with Classic Apples

Languages and Development Software

SE-001 *DB Master Professional* \$245.00

Applesoft

AW-010 <i>Apple: Applesoft Tutorial (w/disk)</i>	\$29.95
AW-021 <i>Apple: Applesoft Programmer's Reference</i>	\$22.95
AW-015 <i>Dwyer: BASIC and the Personal Computer</i>	\$16.95
MH-002 <i>Poole: II-Plus/Ile User's Guide, 3rd Ed</i>	\$18.95
MH-003 <i>Poole: IIc User's Guide</i>	\$18.95
HS-007 <i>Irwin: Apple Programmer's Handbook</i>	\$22.95

DOS 3.3

TB-007 <i>Weishaar/Kersey: The DOSkall Scrapbook</i>	\$14.95
DS-001 <i>disk for this book</i>	\$10.00

ProDOS 8

AW-024 <i>Apple: BASIC Programming with ProDOS (w/disk)</i>	\$29.95
AW-023 <i>Apple: ProDOS 8 Tech Ref (w/disk)</i>	\$29.95
QS-001 <i>Worth: Beneath Apple ProDOS</i>	(see 6/88)
TB-006 <i>Doms/Weishaar: ProDOS Inside and Out</i>	(see 6/88)
DS-002 <i>disk for this book</i>	\$10.00

6502 Assembly Language

AW-012 <i>Finley/Myers: Asm Lang for Applesoft Prgrmr</i>	\$18.95
RW-001 <i>Wagner: Assembly Lines: The Book</i>	(see 6/88)
DS-004 <i>disk for this book</i>	\$15.95
MH-007 <i>Leventhal: 6502 Asmby Lang Prog.</i>	\$19.95
MH-008 <i>Leventhal: 6502 Subroutines</i>	\$19.95

Technical References

AW-003 <i>Apple: Apple IIe Technical Reference</i>	\$24.95
AW-004 <i>Apple: Apple IIc Technical Reference</i>	\$24.95
SS-001 <i>Little: Inside the Apple IIc</i>	\$19.95
SY-003 <i>Campbell: The RS-232 Solution</i>	(see 6/88)

Troubleshooting and Repair

HS-001 <i>SAMS Computerfacts: II, II-Plus</i>	\$21.95
HS-002 <i>SAMS Computerfacts: IIe</i>	\$21.95
HS-005 <i>SAMS Computerfacts: IIc</i>	\$39.95
HS-003 <i>SAMS Computerfacts: Disk II</i>	\$21.95
HS-006 <i>Brenner: Apple II Troubleshooting/Repair Guide</i>	\$19.95

Working with the Apple IIgs

Languages & Development Software

RW-002 *Merlin 8/16* \$99.00

MS-001 *Micol Advanced Basic* \$145.00

AW-033 *Capps: Programmer's Online Companion for IIgs* \$49.95

Toolbox Programming

AW-011 <i>Apple: Programmer's Intro to IIgs (w/disk)</i>	\$32.95
AW-026 <i>Little: Exploring Apple GS/OS and ProDOS 8</i>	\$21.95

65816 Assembly Language

CB-002 <i>Wagner: IIgs Machine Lang for Beginners</i>	\$19.95
DS-005 <i>disk for this book (3.5)</i>	\$15.95

BB-001 <i>Scanlon: Apple IIgs Asm Lang Programming</i>	\$24.95
SS-003 <i>Eyes/Lichty: Programming the 65816</i>	\$24.95

SS-005 <i>Lichty/Eyes: Programming the IIgs in Asm Lang</i>	\$29.95
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Technical References

AW-018 <i>Apple: Technical Introduction to the Apple IIgs</i>	\$9.95
AW-022 <i>Apple: Apple IIgs Firmware Reference</i>	\$24.95

AW-002 <i>Apple: Apple IIgs Hardware Reference</i>	\$24.95
AW-001 <i>Apple: Apple Numerics Reference (new edition)</i>	\$29.95

AW-014 <i>Apple: Human Interface Guidelines</i>	\$14.95
AW-017 <i>Little: Exploring the Apple IIgs</i>	(see 6/88)

MH-001 <i>Fischer: Apple IIgs Tech Ref</i>	\$19.95
OE-001 <i>ModuNET 8-pin for IIgs, ImageWriter II, new Macs</i>	\$34.95

OE-002 <i>ModuNET 9-pin for LaserWriter, oldMac</i>	\$34.95
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Fastdata Pro

Use this program to quickly scan our monthly disks, the full text of our back issues, the full text of Apple's tech notes, or your own files. Get the information you need fast. You can search, print, cut & paste any file type. Scroll up and down. Allows you to change disks and continue search.

FD-001 *Fastdata Pro* \$49.95

A2-Central Development Conference

The only conference in the world for Apple II people Kansas City—Friday and Saturday, October 21-22, 1988

Meet with the people who will determine the future of the Apple II

Creating applications with DB Master Barney Stone, Stone Edge Technologies	Integrating music with your products Bob Lindstrom, Ziff-Davis; Bill Basham, Diversified Software Research; others TBA	GS/OS development environments and languages Mike Westerfield, ByteWorks; Tom Leonard, TML; others TBA	Programming with UltraMacros Tom Hoover, David Gair, Randy Brandt
How to develop stackware for HyperStudio Roger Wagner, Roger Wagner Publishing	An overview of debugging products for the Apple II Chuck Kelly, Prodev; David Lyons, DAL Software	ProDOS 8 development environments and languages Ross Lambert, Ariel Publishing	An introduction to IIgs toolbox programming Dennis Doms, A2-Central, panel to be announced.
What Apple's attitude toward the Apple II means for developers Panel to be announced	Opening doors for the disabled Dean Esmay, A2-Central; panel to be announced.	IIgs programming considerations Rilla Reynolds and team from Apple developer tech support	How to write TimeOut applications Mark Simonsen, Alan Bird, Beagle Bros
Apple II Update Michael P. Smith, Apple II Product/Market Manager, with a panel of Apple's Apple II team	Fonts, LaserWriters, and the Apple II Mark Collins, A2-Central Font Clearinghouse; panel to be announced.	ProDOS 8 programming considerations Rilla Reynolds and team from Apple developer tech support	Exhibits, playroom Computers and tables will be available at no charge for conference attendees who want to display or sell their products.
Philosophy and direction of the 65xxx microprocessor family Bill Mensch, Western Design Center	While we have commitments from all speakers and panelists named here, we reserve the right to change the schedule without notice if necessary.	Apple IIgs cross development and parallel development Gary Little, Apple	And more... Additional sessions are planned. Personnel from Apple developer tech support will be available to answer your questions.

Make the contacts you need!

While we're pretty proud of the collection of sessions and panels we're putting together for this conference, we also recognize that the real opportunity for most attendees will be the chance to meet with other publishers and developers.

The setting for our conference, a small college campus in deepest, darkest America, lends itself to meeting and talking with other Apple II people day and night. Classrooms and lounge areas will be available for discussions and demonstrations throughout the conference.

Compare our sessions, compare our timing, compare our price to Apple's own combined Apple II/Macintosh developers conference (to be held in San Jose the week after AppleFest Boston), and you'll see that the best place to meet the **Apple II** people you want to meet this year will be Kansas City.

Our conference fee includes all meals (Thursday evening through Sunday morning) and free dormitory accommodations for early registrants. This will be your best chance this year to make the contacts you need to achieve your Apple II-related goals.

Real People

The conference is a family affair. The conference party, sponsored by ByteWorks, will be held on Thursday evening. Free shuttle bus service will be provided to and from the Overland Park Convention Center. The conference will run from 8:00 AM to 5:00 PM on Friday and Saturday. The conference is strictly limited to 200 attendees.

Travel

AGENCY: Day Trips, Inc. has arranged conference bus service to and from the Avila Inn and other hotels near Avila. Call 800-541-8000 for room rates.

AIRFARES: Discounted fares are available on Eastern, and Continental Airlines. Call 800-541-8000.

DORMITORY ACCOMMODATIONS: Available on the Avila Inn campus. Call 800-541-8000.

HOTELS: We have several hotels in the 1-43 range on the Avila Inn campus. Call 800-541-8000.

BY CAR: Avila Inn is located in the center of Kansas City, just off the 435 and 70 expressways.

Open Conference

World just for Apple II developers.
Saturday—July 21-22, 1989

the Apple II

Programmers' Party

will open with a Real Programmers' Party by Apple, in the Avila cafeteria on July 20 (food available from 6 till 10). Taxis will run between Avila and the Marriott and nearby hotels from Thursday evening through Sunday morning. Because of the limits of attendance at this conference will be the first 400 registrants.

Arrangements

ng Travel Service of Overland Park has discounts with four airlines and several car rental agencies. For the lowest available airfares and car rental rates, call:

0-432-0211

(913-888-8080)

Discounted airfares are available on Braniff, Delta, Pan Am, and United. The discount is 5% off of any available coach fare or 40% (Braniff/Delta) or 50% off of coach fare.

ACCOMMODATIONS: Free dormitory accommodations on the college campus are available to early registrants. Each dormitory has 21 double rooms, a lounge, and a common room. Bathrooms are available.

ng Travel Service offers free shuttle buses daily from selected areas of Overland Park to the Avila dormitories. Bus fares range from \$1.50 to \$2.00. The Red Roof Inn is \$69/night at the four-star rate (this is a special conference rate available). DaySpring Travel has complete information on the bus and car rental services.

ng Travel Service is at 119th and Wornall Road in south Overland Park, about 5 minutes south of I-435's Wornall Road exit.

Registration Form

About us:

C 4/89

Cut out or photocopy this form and mail to:

A2-Central (yes...we used to be *Open-Apple*)

P.O. Box 11250

Overland Park, KS 66207 or call: **913-469-6502**

About you:

Your phone number _____

Name of your company or institution, if relevant: _____

Your name: _____

Address: _____

Accommodations:

- I'd like to stay at Avila.
- male female
- (If Avila is full, we will contact you.)
- I'll stay elsewhere.

Preferences:

- My primary interest is classic Apples.
- My primary interest is the Apple IIgs.
- I'm interested in both.
- I'm also going to Apple's conference.

Conference fees (fees include all meals, Thursday evening through Sunday morning):

- \$300 (early registration, before June 1, 1989)
- \$375 (late registration, after June 1, 1989)
- Full payment enclosed.
- Registration deposit of \$75 enclosed, balance to be paid by June 1.
(NOTE: Full refunds available till June 1, \$75 cancellation fee thereafter.)

Payment method:

check Visa MasterCard

_____ - _____ - _____ - _____

card number

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exp date

Subscriptions, Back Issues, Ordering Information

Ordering Information

If you received this catalog in the envelope with our newsletter, there was also a one-sheet self-mailer in the envelope. Your name, address, expiration date, and account number are already imprinted on one side of the self-mailer—on the other side you'll find an order form. Please use this form to order stuff from us. When you fold and lick the form as shown, our address will be on the outside. Add a stamp and it's ready to mail. Please don't send us a photocopy of the form unless you remember to photocopy both sides.

If you received this catalog without a self-mailer, write your order on a plain sheet of paper and send it to:

Open-Apple
P.O. Box 11250
Overland Park, KS 66207

Open-Apple subscriptions

The expiration date of your current subscription is shown on our self-mailer to the right of your name ("last issue").

We offer one-, two-, and three-year subscriptions to either our newsletter only or to a combination newsletter and monthly 3.5 disk. The disk includes an electronic copy of our newsletter for full-text searches, new public domain and shareware software and data files, and Apple system software updates.

	newsletter only	newsletter & 3.5 disk
1-year (12 issues)	S-1 \$28	D-1 \$84
2-year (24 issues)	S-2 \$54	D-2 \$162
3-year (36 issues)	S-3 \$78	D-3 \$234

Subscription prices include free AIR MAIL delivery anywhere on the face of the earth.

Open-Apple back issues

Open-Apple has been published monthly since January, 1985. Single back issues are \$2 each. Bound, indexed annual volumes are \$14.95. A full set of bound volumes and single issues for the current year is available for \$39.

The **Full-Text on Disk** version of our back issues is shipped on 3.5 disks and takes up about 4 megabytes of hard disk storage. Use with full-text search software.

Open-Apple: Volumes 1-4

OA-001	\$14.95	Jan 1985—Jan 1986
OA-002	\$14.95	Feb 1986—Jan 1987
OA-003	\$14.95	Feb 1987—Jan 1988
OA-004	\$14.95	Feb 1988—Jan 1989

Full Set Specials (every issue ever published)

FS-N	(volumes and singles)	\$39.00
FS-D	(full text on disk)	\$39.00

Single monthly disks

A2.ON.DISK

Our monthly 3.5 disks are available one-by-one as well as by subscription. Each disk features the full text of that month's newsletter and includes additional material.

order no	issue date	theme	price
A2-8902	Feb 89	Fonts	\$10
A2-8903	Mar 89	Tech Notes	\$10

Posters

Our posters are 17-1/2 inches by 22-1/2 inches, white stock with black ink. On each poster we've printed an enlarged Rich Tennant cartoon.

1 poster \$7 2 posters \$10 3 posters \$12

PS-001 Christmas Lizard	from Dec 1985
PS-002 Genie	from June 1986
PS-003 User Group	from August 1987

CIRTECH plusRAM memory cards

Standard-slot memory cards

plusRAM PR-1

CIRTECH's PR-1 memory card is a standard-slot memory card that can be used in the II-Plus, IIe, or IIgs. The PR-1 comes with one bank of 256K RAM chips (8 chips per bank) and has sockets for three additional banks (1 megabyte total).

Prices

Prices good through April 30, 1989

PR-1 and GS-2 cards:

PR-1 order no	memory supplied	\$	GS-2 order no
PR-1-1	256K	219	GS-2-1

Unit pricing:

Buy CIRTECH's base card and stock it with chips from suppliers such as Microprocessors Unlimited (918-267-4961) or I.C. Express (818-369-2688). They sell 256K chips cheaper than we can get them from CIRTECH.

plusRAM PR-16

CIRTECH's PR-16 is also a standard-slot memory card. It uses standard 1-meg RAM chips and can be expanded to 4 megabytes on one card (with forthcoming 4-meg chips it can be expanded to 16 megabytes). The card works as a RAMdisk. In addition, AppleWorks automatically expands its desktop into this type of card on a file. One megabyte and larger cards can be partitioned as RAMdisks for different operating systems using software supplied with the card by CIRTECH.

PR-16 and GS-8 cards:

PR-16 order no	memory supplied	\$	GS-8 order no
PR-16-1	1M	499	GS-8-1
PR-16-2	2M	759	GS-8-2
PR-16-3	3M	1,019	GS-8-3
PR-16-4	4M	1,279	GS-8-4
---	5M	1,539	GS-8-5
---	6M	1,799	GS-8-6
---	7M	2,059	GS-8-7
---	8M	2,319	GS-8-8

Unit pricing:

Buy CIRTECH's base card and stock it with your own chips, if you like. Our 1-meg RAM prices reflect a charge of \$32.50 per chip, installed and tested.

StatDisk

CIRTECH's StatDisk is a completely new concept in storage technology. No other company makes anything like it. Your computer and software think the StatDisk is a standard-slot RAM card, such as CIRTECH's PR cards. What makes the StatDisk different is that what you store on it stays stored after you turn the power off—even after you pull the card out of the computer! A small battery (built right onto the card and automatically recharged when your computer is on) keeps your data safe for over two months. No other data storage medium is faster, quieter, or more reliable. No cords. Instant-on reliability (turn your computer on and boot into AppleWorks before your monitor warms up). See our October 1988 catalog for complete information.

StatDisk

StatDisk order no	memory supplied	\$
SD-1	128K	209
SD-2	256K	269
SD-3	384K	329
SD-4	512K	389
SD-5	640K	519
SD-6	768K	579
SD-7	896K	639
SD-8	1M	699

Unit pricing:

Buy CIRTECH's base card and stock it with your own chips, if you like. Our 32x8 low-power CMOS static RAM prices are \$15.00 per chip, installed and tested.

IIgs memory expansion cards

plusRAM GS-2

CIRTECH's GS cards are designed to fit into the memory expansion slot on the Apple IIgs. The GS-2 comes with one bank of standard 256K chips (8 chips per bank) and can be expanded up to 2 megabytes (seven additional banks) on one card.

plusRAM GS-8

The GS-8 uses standard 1-meg chips and can be expanded up to 8 megabytes on one card—the maximum RAM capacity of the IIgs. No other company builds a single card that can expand to 8 megabytes using standard RAM chips.

CIRTECH's custom LSI chips mean these cards use very little power and create very little heat. CIRTECH's GS-8 is the most-expandable, highest-quality IIgs memory card available in the world at one of the world's lowest prices.

Not compatible with Applied Engineering's RamKeeper or the IIe retrofit IIgs motherboard (won't fit inside IIe case).

ROMdisk expansion cards	STAT-256 expansion cards
(no chips) ROM-256 \$89	64K SD-256-1 \$159
(no chips) ROM-512 \$89	128K SD-256-2 \$189
	256K SD-256-3 \$249

StatDisk piggyback expander

We've already included this card in the StatDisk prices shown to the left. This order number is for use only if you want to purchase the board separately.

64K SD-PIG \$159

Cirtech's StatDisk is Nibble's Editor's Spotlight Selection April 1989, page 120